

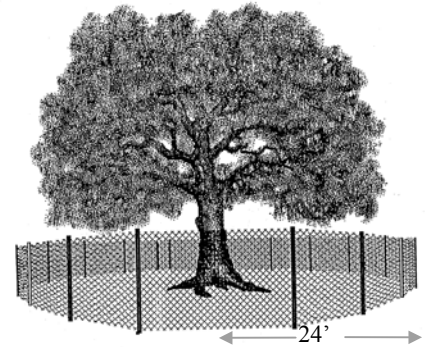
TREE PRESERVATION PLAN

In order to comply with the San Antonio Tree Preservation Ordinance, a preservation plan is required. Information included is the topographical data with existing and proposed elevations; location of property lines, easements, right-of-ways, approaches, parking areas, footprint of proposed structures, sidewalks and setbacks; and location, species and size of each protected and heritage tree except those located in easements, right-of-ways. Specifications on how the preserved trees will be protected with a summary of trees (diameter inches) removed versus preserved, also needs to be included. This information can be added to design plans submitted for building permits. Example of specifications and summary is given below:

EXAMPLE

Tree Preservation Notes

1. All existing trees denoted on this plan to be preserved as shown and protected at the Root Protection Zone (RPZ). The RPZ shall be determined by tree size (recommended 12" [1.0'] radius from trunk for every 1" diameter of trunk at 4.5' from ground) with a minimum 5' diameter from the trunk.
2. A (chainlink or orange mesh fence) barrier around the RPZ shall be erected and maintained until construction is completed.
3. RPZ shall be sustained in a natural state and shall be free from vehicular or mechanical traffic; no fill, equipment, liquids, or construction debris shall be placed inside the protective barrier.
4. The RPZ shall be covered with 6" of coarse mulch to reduce moisture stress.
5. Any damage done to existing tree crowns or root systems shall be repaired immediately. All wounds to live oaks will be painted with pruning paint within 30 minutes after damage. Roots exposed during construction operations will be cut cleanly.
6. The proposed finished grade and elevation of land within the root protection zone of any tree to be preserved shall not be raised or lowered more than 3". Welling and retaining methods are allowed outside the RPZ.
7. The RPZ shall remain pervious, i.e. groundcover or turf at completion of landscape design.
8. Protected trees shall be protected until such time as the concrete work can be staked to determine its distance from the two



A 24" DBH tree would have a RPZ with a radius of 24' from the trunk

Tree ID		Understory Species 2"-7.99"			Significant Trees 6"-23.99"			Heritage		
		Remove	Save	Preserve	Remove	Save	Preserve	Remove	Save	Preserve
101	Persimmon	8								
102	Live Oak				7					
103	Live Oak									24
104	Redbud		3							
105	Hackberry						10			
106	Live Oak						20			
107	Mesquite					20				
108	Persimmon			4						
109	Persimmon			4						
110	Live Oak					10				
111	Live Oak							10		
112	Red Oak						12			
113	Hackberry						14			
114	Hackberry						6			
Total Inches			3	8	17	30	62	18	0	24
Total Inches by Category				11			109			42
Preservation Percentage				73%			57%			57%
Mitigation Required (in) 1:1 ratio for Significant trees & 3:1 for Heritage				0			0			3*18=54

heritage trees. (If found that the concrete work will be closer than 5', the contractor will meet with representatives of the Environmental Review Dept. to minimize impact.)

For more information call 207-8265

Minimum Percent Diameter Inches to be Preserved

Commercial: 40% (excluding street rights-of-way and easements)
Residential: 35% (excluding street rights-of-way and easements)
Heritage Trees: 100%
100-year Floodplains: 80% (does not apply toward preservation requirements on the remainder of the site)